

AMENDMENTS

In the Claims:

Please amend the claims as indicated hereafter.

1. (Currently Amended) An automatic image enhancement system, comprising:
memory for storing digital data that defines a graphical image;
a face detector configured to analyze said digital data and to automatically identify facial data within said digital data stored in said memory; and
an image enhancer configured to ~~analyze~~ search said identified facial data ~~identified~~ by said face detector for a particular facial feature and to automatically identify a facial blemish defined by a portion of said facial data based on a proximity of said facial blemish relative to said facial feature within said graphical image, that defines a particular facial feature; said image enhancer further configured to automatically compensate for said facial blemish by automatically manipulating ~~manipulate~~ said portion ~~for enhancing~~ such that an appearance of said facial feature is enhanced within said graphical image, wherein said image enhancer is configured to initiate, without user intervention, manipulation of said portion for enhancing said appearance in response to identification of said ~~portion~~ facial blemish by said image enhancer.

2. (Currently Amended) The system of claim 1, wherein said system further comprises an input device configured to receive an input, and wherein said image enhancer is further configured to select said facial ~~feature~~ blemish based on said input.

3. (Currently Amended) The system of claim 1, wherein said image enhancer manipulates said ~~portions~~ portion by blending color values associated with said portion.

4. (Currently Amended) The system of claim 1, wherein said image enhancer, by manipulating said portion, blurs said appearance of said facial ~~feature~~ blemish.

5. (Currently Amended) The system of claim 1, wherein said image enhancer, by manipulating said portion, sharpens said appearance of said facial ~~feature~~ blemish.

6. (Currently Amended) The system of claim 1, wherein said image enhancer, by manipulating said portion, changes a color of said facial ~~feature~~ blemish.

7. (Original) The system of claim 1, wherein said system includes an image capturing device configured to receive an image of a scene and to produce said digital data based on said image received by said image capturing device.

8. (Original) The system of claim 7, wherein said image capturing device includes a lens for receiving said image and an image converter for producing said digital data based on said image.

9. (Currently Amended) An automatic image enhancement system, comprising:
means for storing digital data that defines a graphical image;
face detecting means for analyzing said digital data and for automatically identifying facial data within said digital data stored in said storing means; and
image enhancing means for ~~analyzing~~ searching said identified facial data ~~identified by said face detecting means,~~ for a particular facial feature and for automatically identifying a facial blemish defined by a portion of said facial data based on a proximity of said facial blemish relative to said facial feature within said graphical image, ~~that defines a particular facial feature, and for automatically manipulating,~~ the image enhancing means configured to automatically manipulate, upon identification of said ~~portion~~ facial blemish by said image enhancing means, said portion to enhance an appearance of said facial ~~feature~~ blemish within said graphical image.

10. (Currently Amended) A method for enhancing graphical images, comprising:
receiving digital data defining a graphical image;
automatically detecting facial data within said digital data;
searching said facial data for data that defines a particular facial feature;
automatically identifying, ~~based on said searching, a set of data defining said particular facial feature~~ a facial blemish defined by a set of said digital data based on a proximity of said facial blemish relative to said particular facial feature within said graphical image; and
automatically compensating for said facial blemish ~~manipulating said set of data in response to said identifying, wherein said manipulating is initiated~~ without user intervention, said compensating comprising manipulating said set of digital data.

11. (Currently Amended) The method of claim 10, wherein said manipulating includes blending color values within said set of digital data ~~with other color values within said facial data.~~

12. (Currently Amended) The method of claim 10, further comprising:
receiving an input; and
selecting said ~~particular~~ facial feature blemish based on said input,
wherein said searching is based on said selecting.

13. (Currently Amended) The method of claim 10, wherein said manipulating causes a blurring of an appearance of said ~~particular~~ facial feature blemish when said ~~particular~~ facial feature blemish is displayed.

14. (Currently Amended) The method of claim 10, wherein said manipulating causes a sharpening of an appearance of said ~~particular~~ facial feature blemish when said ~~particular~~ facial feature blemish is displayed.

15. (Currently Amended) The method of claim 10, wherein said manipulating affects a color of said ~~particular~~ facial feature blemish when said ~~particular~~ facial feature blemish is displayed.

16. (Previously Presented) The method of claim 10, further comprising:
capturing an image of a scene; and
defining said digital data based on said capturing.

17. (Previously Presented) The method of claim 16, wherein said capturing includes:

receiving light via a lens; and

converting said light into said digital data received in said receiving.

18. (Currently Amended) An automatic image enhancing system, comprising:
memory configured to store digital data representative of a graphical image;
a face detector configured to automatically identify facial data in said digital data; and
an image enhancer configured to automatically locate a portion of said facial data defining a skin blemish and to locate at least one additional facial feature, wherein said image enhancer is configured to locate said portion of said facial data defining said skin blemish by determining the likely proximity of said skin blemish to said located at least one additional facial feature, and wherein said image enhancer is further configured to automatically manipulate, upon locating said portion, said portion for enhancing an appearance of said skin blemish within said graphical image.

19. (Cancelled)

20. (Previously Presented) The system of claim 19, wherein said blemish is a wrinkle.

21. (Currently Amended) An automatic image enhancing method, comprising:
storing digital data representative of a graphical image;
automatically identifying facial data in said digital data;
automatically locating a portion of said facial data defining a skin blemish; and
manipulating said portion for enhancing an appearance of said blemish within said
graphical image, wherein said manipulating is automatically initiated based on said locating,
wherein the locating further comprises locating a facial feature within said facial data
and determining the likely proximity of said blemish to said additional facial feature.

22. (Cancelled)

23. (Previously Presented) The system of claim 1, wherein said graphical image
contains a plurality of faces, and wherein said face detector is configured to automatically detect
each of said faces and said image enhancer is configured to automatically enhance each of said
detected faces.

24. (Previously Presented) The system of claim 9, wherein said graphical image
contains a plurality of faces, wherein said face detecting means is configured to automatically
detect each of said faces, and wherein said image enhancing means is configured to
automatically enhance each of said detected faces.

25. (Previously Presented) The method of claim 10, wherein said graphical image
comprises a plurality of faces, wherein said detecting comprises detecting each of said faces, and
wherein said method comprises enhancing each of said faces based on said manipulating.

26. (Previously Presented) The system of claim 18, wherein said face detector is configured to identify a plurality of faces in said graphical image, and wherein said image enhancer is configured to automatically enhance each of said detected faces.

27. (Previously Presented) The method of claim 21, wherein said identifying comprises identifying a plurality of faces in said graphical image, and wherein said method comprises automatically enhancing each of said faces based on said manipulating.

28. (Previously Presented) An automatic image enhancement system, comprising:
memory for storing digital data that defines a graphical image, said graphical image containing a plurality of faces;
a face detector configured to detect each of said faces; and
an image enhancer configured to analyze said faces, said image enhancer further configured to automatically detect and enhance at least one respective facial feature in each of said faces.

29. (Previously Presented) An automatic image enhancing method, comprising:
storing digital data that defines a graphical image;
automatically detecting a plurality of faces in said graphical image;
automatically analyzing said faces to detect at least one respective facial feature in each of said faces; and
automatically enhancing, based on said analyzing, at least one respective facial feature in each of said faces.

30. (Previously Presented) The method of claim 29, wherein said enhancing is initiated without user intervention based on said analyzing.

31. (New) The system of claim 1, wherein said facial blemish is a wrinkle, and wherein said facial feature is an eye within said graphical image.

32. (New) The method of claim 10, wherein said facial feature is an eye within said graphical image.